ITEM	PI	Status
Elog	Ila, Satogata	done
RHIC timing	Michnoff,MacKay	done
FEC	Hoff	up running
operaions disks	Binello	ready, no changes from last run
database	Fu	ready, no changed from last run
RHIC green synchro	Jamilkowski	done
MCR consoles	D'Ottavio	checked out all 12 machines in MCR. Checkout included login, screenlock, Redhat UI, standard apps (pet, Gpm, Logview, tape, AlarmDisplay, xterm, Mozilla, Bert), printing and standard keyboard shortcuts. In addition, access to the last 3 years of logged data was tested in LogView. The one problem found on several machines was the new Synergy software designed to provide cursor/keyboard access to the comfort displays. Arthur is working on getting this working. A configuration problem at mcr5s was also resolved
RHIC configuration update	Marr	done, leave the path length in the RF configuration as zero for snake off injection setup. The number is 4160um with snake on
permit link	Trbojevic, Marr	up except the QLI by disabling most of the inputs from various systems
post mortem	Laster	checked
BLAM	Laster	Blam appears to have received credits appropriately (even though they were 0, as expected) from the post mortem system. An outstanding issue is the blam manager is supposed to write a file to the fill area indicating it has received credits from the post mortem server. This file appears in only one dump from January 9. No files appear from today. This will be further investigated tomorrow.
Alarms	Nemesure	running. No major changes from last run
Abort kicker	Ahrens, Mi	done. The kickers reacted properly during the ramp test on Tuesday. It was also demonstrated they stayed up overnight without tripping. Minor problems found which turned out to be associated with some parameters got disabled on the kickers' pet page
pet pages	Nemesure	working order
LogView	D'Ottavio	working order

Logging including pool logging	**D'Ottavio**	General logging/logview tested. Pool logging was also tested. However, it drained the idle time from all FEC and may not be suitable during normal operation
RHIC Injection Kicker	**Fischer, Zhang**	both kickers were tested at 32 kV. RhicInjection with new manager code. Acquisition is good, but statuses look wrong for ATR mode with self-trigger since 0 status is now a good status. Rob/Rob will investigate.
AtR setup including instrumentations	***Brown,Tsoupas, Marr***	*Configurations checked for pp. couldn't test the flags because they are currently fully assembled yet. Will do next week. As for BLMs, it doesn't work because of the madcado group 1 ado not working due to an update of the software after last run. Mei is investigating the problem.*
Tape	**Marr**	up and down ramp were checked. Corrector power supply autocheckup worked. Injection setup also works. Remaining issues: 1. in prep, the step of drift compensation has a bug, Al is working on it. 2. in Up ramp, the steps regarding coggings need to be modified once 9MHz cavity is commissioned
RHIC BPM	**Michnoff, Satogata**	discovered several new bugs in bpm timing. Released a new DSP code which fixed one of the bugs. Still performing intensive testing to see whether there are more timing problems. So far so good.
RHIC IPM	**Connally, Tepikian**	IPM HVs were excercised. both manager and application were tested. New features were checked. The pet page on the left has been updated to include these new features: [1] The data quality checks have been added, [2] parameters for the limits that determine the data quality checks, [3] a new parameter that estimates the central peak oscillations of the data samples and [4] functionality to adjust the bias supply voltage when the pressure changes. For the data quality numbers: Odd is bad, Even is suspect and Zero is good. The (shown at right) application is currently a work in progress showing the new trends.
RHIC WCM	**Lee**	Checked. Both wcms are running
Electron Cloud Detector	**Zhang, Lee**	No changes during the shutdown. Will check it when HV is turned on

Schottky	Brown	Schottky systems check out ok. Managers were started and instruments are turned on. Just need beam now. Motion control was checked out by Dave Gassner. Looks good.
RHIC BLM	Bai, Nesemure	both managers were checked. Ring mode works. First turn mode doesn't work so far because the existing madc Group 1 ados are not properly configured due to a software change Al made after last run. As soon as Al fixes the madcGroup1 ado settings, we will check the firstTurn mode as well as AtR mode. A new threshold file for pp is now available. Three mismatches between gainAdo and v118Analog in RHICgddb::blm_map were found and fixed. All blm HVs are not up yet. will be checked out when all HVs are available.
RhicOrbitDisplay and orbit correction	Ptitsyn, Michnoff	RhicOrbitDisplay works. However, due to the new definition of RHIC bpm status bits, all the old orbit data are current labelled as bad bpms and the orbit correction part can't be checked out. Discussions are under going regarding what's the best approach to make the archieved data valid.
RHIC chromaticity application	Tepikian	applicatin ran okay with Blue but not yellow. Investigating
RHIC Artus	Michnoff	Application checked. Tune range adjusted to 0.5-1.0. Can't fire kicker due to the vacumm work in the tunnel
Injection damper	Michnoff	Application checked with a 17KHz simulated input signal. The actual kicker high voltage PS is still LOTO'd
RHIC CNI Polarimeter	Huang, Nemesure, Gill	polarimeter target control was excercised. The conmunication problem between the CNI polarimeter PC and server was fixed. Both "Profile by sweep" and "Emittence measurement" in Yellow were also practised. However, the application didn't get completed because the data analysis was not analyzed by the PC. The full system testing is still in working progress.
RHIC low intensity bunch suppression	Marr, Fischer	Tested and worked properly
Bunch intensity monitor	Kuik	
RampEditor	D'Ottavio	The application was checked except the new function of ramp replay.
Online model	GRD	checked and in working order

ramp pp90	**Tepikian, Marusic, Hoff, Morris, D'Ottavio, GRD**	**ramp was tested successfully. Issues remaining:(1) sextupole ramping rateat the end is too high. Suspect this is due to 2nd order chromaticity correction from pp83 (2)b12-DX WFG current didn't follow the design well close to the end of the ramp**
drife compensation	**Marusic, Morris, Hoff**	**tested and the correction also goes away prior to the start of the ramp. However, there is still a step with error in prep**
ramp replay and revert	**D'Ottavio, Hoff, Marusic**	
BBQ/BtF	**Minty, Wilinski, Dawson**	**Blue BBQ system was tested with a fixed frequency resonator in Blue H and a variable frequency resonator in Blue V. Some ado bugs were discovered and fixed. BtF was also taken with Blue V and the measurements were as expected. Yellow BBQ/BtF/tune-feedback will be checked out once the AFE is installed.**
Tune/coupling feedback	**Marusic, Minty**	**The system was successfully excercised with the Blue BBQ by modulating the V resonator about a frequency of 0.025Hz. The Yellow tune feedback yet has to be tested once the BBQ system is available.**
coupling angle measurement	**Yun, Beebe-Wang**	**Had trouble with the RHIC skew quad modulation application. Hoff and Laster re-furbished an old pet page under coupling. The pet page was then tested successfully for modulating either family2 or family1&3.**
dQmin application	**Beebe-Wang**	**Tested DQmin application. It successfully picked up the tune settings, skew quad family settings and skew quad corrections as expected. At the time of the test, the blue BBQ was running , but yellow was not. The BBQ resonator was connected to the Blue vertical. So, the DQmin application picked up the locked Blue vertical signal; random blue horizontal signal; static yellow vertical and horizontal signals. All as expected. It also picked up signals from Artus (both plans of blue and yellow). But the High frequency Schottky signals are not available. Over all DQmin runs fine**
RHIC collimator	**Drees, GRD**	**excercised both collimators. Discovered the cross-talk between the blue collimator motion and Phenix background. Found it was due to ground loop problem after some investigations. Plan is to replace a cable in Phenix.**
RHIC Tune Display	**D'Ottavio**	**Checked and adjusted the tune range for coming pp run**

LISA	**D'Ottavio**	**Checked with the new Vernier scan online analysis**
Gap cleaning	**Drees, Fu**	**in working order**
IR Bump	**Pilat, Binello**	**tested with BBQ**
plotfill	**Satogata**	**Bai tested plotfill with ramps in run08. The application works as expected.**
FDAView	**Satogata**	**Bai tested FDAView using run08 data. Application ran as expected. However, there is no polarization data available.**
AC dipole	**Bai, Oddo, Wang**	**The RF signal for the ac dipole clock was restored. Excercised both H and V ac dipole, yet only vertical ac dipole current readback was available. The H ac dipole readback will be available when Brian reinstall the madc channel.**
RF system	**RF group**	